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DETALLES

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Congratulations to Motorola and SUMEX Winners of the 2001 AMIGO Environmental Awards

Awards Presented by Arizona and Sonora Governors in Hermosillo

Arizona Governor Jane Dee Hull and Sonora Governor Armando López Nogales presented the 2001 AMIGO Environmental Awards in Hermosillo, Sonora on Nov. 16, 2001. The event was part of the annual fall plenary session of the Arizona-Mexico Commission and the Comisión Sonora-Arizona. More than 1,000 audience members witnessed the presentation of the awards to Motorola in the category of "Process Improvements" and to SUMEX in the category of "Pollution Prevention Promotion."

Motorola - Process Improvements

Motorola de Nogales Operaciones S. de R.L. de C.V. (formerly General Instrument México) has continued to implement process improvements to minimize the amount of wastes they generate. Key programs implemented during the past year include standard operating procedures for on-site contractors and a chemical inventory control system.

Standard Operating Procedures

Any contractor that works within Motorola's facility is required to attend a training program that explains the company's environmental, health and safety policies and procedures. The contractors are expected to sign an agreement to follow these same policies and procedures. This includes making an effort to reduce the amount of hazardous wastes they generate within the facility. The hazardous wastes that are generated by contractors are managed on-site, in coordination with Motorola, to ensure proper management and limit the risk of accidental spills.

Chemical Inventory System

The establishment of Motorola's chemical inventory system involved training more than 50 employ-

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SUMEX - Pollution Prevention Promotion

Over the past few years, SUMEX has exemplified community partnering through various activities that promote pollution prevention. These efforts include distributing trees to employees and community members, classroom instruction on environmental management topics to local students, and conducting outreach campaigns through local media outlets.

Contributing to Revegetation

During the 2001 Earth Day celebration in April, the company distributed more than 12,000 trees for local revegetation efforts to employees and community members. Brochures on how to plant and properly maintain the trees were distributed along with each tree. The types of trees that were distributed were selected for their natural propensity for growth and survival in the region.

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Motorola - Process Improvements

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ees with diverse responsibilities on the compatibility and safe handling of chemicals. The company's environmental, health and safety department must approve any chemical purchase prior to its use. The chemical inventory is updated on a quarterly basis and includes a review of possible less toxic or hazardous alternatives.

Recycling

By continuing to inject nitrogen in the soldering machines, Motorola has reduced the amount of lead solder dross generated in a one year period by 60 percent. The waste dross that is generated is sent to a recycler for reclamation of the lead, which resulted in a profit of more than \$8,000 during the one-year period. The recycling of wooden pallets has also generated a profit for Motorola. From December 2000 to September 2001, more than \$21,000 was gained through the recycling of these pallets. Recycling of other materials such as aluminum, plastics, and other metals and cardboard has saved an additional \$8,000.

In another recycling program, Motorola donates empty 55-gallon drums to other maquiladoras for reuse. Previously, empty 55-gallon drums that contained hazardous materials were returned to the U.S. as hazardous wastes, in accordance with Mexican regulations. Motorola obtained an exemption from this regulation and donates empty drums to other maquiladoras for the specific use of packaging hazardous wastes. In a one-year period, this saved Motorola nearly \$5,000 in disposal costs and nearly \$11,000 in purchasing costs for other maquiladoras.

Outreach

Motorola's community participation this past year included donating 2,000 lockers to the local fire department to provide storage for uniforms and equipment. The company also hosted approximately 250 students from elementary, high school and university level institutions from Sonora and Arizona for a tour and explanation of the company's environmental initiatives.

2001 AMIGO Environmental Awards



Standing from left to right: Pedro Cruz and José Angel Soto of Motorola; Dante Noel Talavera, John Swanson and Alfonso Mendoza of SUMEX. Seated from left to right: Terry Hull and Jane Dee Hull, governor of Arizona; Armando López Nogales, governor of Sonora and Laura Alicia Frías de López.

SUMEX - Pollution Prevention Promotion

Continued

Outreach and Education

Company representatives actively further the goals of pollution prevention through education. Between March and June of 2001, SUMEX organized conferences at the Universidad Tecnológica de Nogales and the Colegio Nacional de Educación Profesional Técnica on the use of environmental management systems in industry for improving environmental performance. Upon graduating from these institutions as technicians with expertise in production, quality assurance and maintenance, students are typically hired by local manufacturing plants.

To promote community awareness of pollution prevention, company representatives have spoken with local reporters and public information services. This has included conducting promotional spots during radio and television programs and public service announcements, often regarding Earth Day events.

Continuing their facility's promotion of pollution prevention through recycling, more than 2.5 million pounds of cardboard, plastics, metals, steel, aluminum and Styrofoam were recycled by SUMEX from January 2000 to January 2001. The cardboard recycling program alone saved \$140,000 in this one-year period.

Pollution Prevention Seminar Highly Successful

Approximately 75 participants were on hand for the "Pollution Prevention Without Borders" seminar in Tucson on Oct. 11, 2001. The binational seminar provided useful and practical tools for businesses to reduce the amount of waste generated, thereby reducing costs and improving the bottom line. A highlight of the program was the reading of Governor Jane Dee Hull's proclamation, which declared the day as "Pollution Prevention Without Borders Day" in Arizona.

Seminar participants learned from their peers about the economic savings of implementing pollution prevention (P2), where to find additional re-



sources for P2 specifics on various projects and the benefits companies on both sides of the border have gained through pollution prevention. Specific presentation topics included how to reduce paint-related wastes,

instituting chemical management strategies to reduce hazardous wastes and reducing the generation of waste solder dross. Attendees rated the seminar as very good to excellent.

In addition to presentations, attendees were able to visit with representatives from sponsoring organizations and private vendors. Some of the organizations that participated in the mini-trade show included AMEC Earth & Environmental, City of Tucson - Stormwater Pollution Prevention, Precision Analytical, Romic Environmental and World Resources Company. This seminar was a collaboration of the Southern Arizona Environmental Management Society, the University of Arizona, the Pima County Department of Environmental Quality, Tucson Fire Department, Arizona-Mexico Commission, Southern Arizona Aerospace and Industry Alliance, the U.S. Environmental Protection Agency, and the Arizona Department of Environmental Quality's AMIGO and Hazardous Waste programs.

Governor Hull Proclaims October 11, 2001 Pollution Prevention Without Borders Day in Arizona

Office of the Governor

PROCLAMATION

POLLUTION PREVENTION WITHOUT BORDERS DAY

WHEREAS, on October 11, 2001, Tucson, Arizona, will host Pollution Prevention Without Borders (PPWB), a one-day seminar joining Arizonan and Sonoran businesses in the commitment to reduce pollution while maintaining competitiveness; and

WHEREAS, the purpose of the PPWB seminar is to provide a forum for businesses to discuss the preservation of natural resources and to assist them in becoming more efficient in reducing and recycling hazardous wastes, while at the same time better preparing them for the new global marketplace; and

WHEREAS, the State of Arizona and Sonora have a longstanding commitment to cooperate on bilateral issues that affect the quality of life and economic well-being of their shared region; and

WHEREAS, Arizona and Sonora have made the issues of pollution control and prevention a focal point of this bilateral cooperation; and

WHEREAS, this seminar will serve to foster a greater respect for the environment among the people and businesses of Arizona and Sonora and encourage more efficient business practices for the future;

NOW, THEREFORE, I, Jane Dee Hull, Governor of the State of Arizona, do hereby proclaim October 11, 2001 as

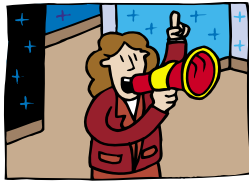
POLLUTION PREVENTION WITHOUT BORDERS DAY

in the State of Arizona.



Upcoming Events

- ✓ Intel is hosting a group of maquiladora managers at their Ocotillo facility in Chandler on May 22. Scheduled for 10:30 a.m. to 12:30 p.m., this event will provide an opportunity to share techniques that enhance production efficiencies and cost savings through the implementation of pollution prevention and other environmental initiatives. For more information, please contact Edna Mendoza at (520) 628-6710 or (888) 271-9302 or mendoza.edna@ev.state.az.us.



- ✓ The Arizona-Mexico Commission (AMC) and the Comisión Sonora-Arizona (CSA) are having their next plenary session from May 22-24 at the Arizona Biltmore Resort in Phoenix. The agenda for the event and registration information are available at www.azmc.org. Agendas for individual committee meetings are also available.

News of Interest

- ✓ The Ambos Nogales Clean Air Program has an ongoing revegetation project for Nogales, Sonora. This binational project includes academic institutions and governmental agencies from the local and state levels. For information on how you can become involved, please contact Michèle Kimpel-Guzmán at kimpelguzman.michele@ev.state.az.us or (520) 377-9077 in Nogales, Arizona, or José Luis Valencia at nogecol@prodigy.net.mx or (631) 31-22546 in Nogales, Sonora.

- ✓ The AMIGO Environmental Awards are planned to be presented at the CSA/AMC plenary session in November 2002 in Sonora. Application materials will be available for downloading during the summer. If you would like to host a presentation on this program, please contact Edna Mendoza at (520) 628-6710 or mendoza.edna@ev.state.az.us. For your convenience, presentations may be conducted in either English or Spanish.

Arizona Department of Environmental Quality

Southern Regional Office
400 W. Congress, Ste. 433
Tucson, AZ 85701
(520) 628-6735 or (888) 271-9302
www.adeq.state.az.us

